

### ABSTRACT

A device for constructing a wire wrapped screen winds a wrap wire substantially helically about a screen body by rotating the screen body about a screen body longitudinal axis while moving the screen body along the screen body longitudinal axis. The device  
5 includes a gauge measurement device adapted to measure a dimension between adjacent wraps of wrap wire on the screen body and a wrap wire measurement device adapted to measure a dimension of the wrap wire. A controller is coupled to the gauge measurement device and wrap wire measurement device, and is adapted to adjust the rate of movement of the screen body along the screen body longitudinal axis in relation to the dimension between  
10 adjacent wraps of wire on the screen body and/or the measured dimension of the wrap wire.

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